

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): ~~Any array of molecules created on surface of a substrate comprising the said substrate contains fenestrations larger than 1 micrometer in dimensions.~~

A device for contacting at least two chemical species, comprising:
at least two substrates containing fenestrations larger than 1 micrometer in dimensions;
at least one array of immobilized molecules of at least one first chemical species created on
at least one surface of at least one of the substrates, wherein molecules of each immobilized
chemical species are located in distinct and known regions of the surface of the substrate; and
the substrates are stacked together wherein the different substrates are not in contact with
each other; and
wherein the device is capable of receiving a solution containing at least one second
chemical species that comes in contact with at least one of the first chemical species.

Claim 2 (canceled):

Claim 3 (currently amended): ~~An array~~ The device of claim 1, comprising a substrate that
contains wherein at least one of the substrates contains more than 1, but less than 100
fenestrations.

Claim 4 (currently amended): ~~An array~~ The device of claim 1, comprising a substrate that
wherein at least one of the substrates contains 100 or more fenestrations.

Claim 5 (withdrawn):

Claim 6 (withdrawn):

Claim 7 (withdrawn):

Claim 8 (withdrawn):

Claim 9 (currently amended): ~~An array~~ The device of claim 1 comprising array elements
~~composed of~~ wherein the immobilized first chemical species consists of DNA, RNA or proteins
or a surface modification.

Claim 10 (currently amended): ~~Any array~~ The device of claim 1 comprising a substrate
~~with~~ wherein at least one of the substrates is less than 0.5 mm thickness thick in the part that
bears the array of molecules.

Claim 11 (canceled):

Claim 12 (canceled):

Claim 13 (currently amended): ~~A composite array~~ The device of claim 11, in which the
wherein at least one of the array elements first chemical species present on each one of the
substrates arrays of claim 1 is not present on any other substrate arrays of claim 1.

Claim 14 (withdrawn):

Claim 15 (withdrawn):

Claim 16 (canceled):

Claim 17 (currently amended): ~~Any array~~ The device of claim 16 1, comprising a substrate
~~with~~ wherein at least one of the substrates has less than 100 micron thickness thick in the part
that bears the array of molecules.

Claim 18 (currently amended): ~~Any array~~ The device of claim 16 1, comprising the
substrate wherein at least one of the substrates is glass.

Claim 19 (withdrawn):

Claim 20 (withdrawn):

Claim 21 (new): The device of claim 1, wherein the device is capable of separation into individual substrates after contacting at least two chemical species.

Claim 22 (new): The device of claim 1 wherein at least one of the first chemical species on each of two or more substrates is viewable using a confocal microscope.

Claim 23 (new): The device of claim 1, wherein at least one of the first chemical species present on one of the substrates is present on every other substrate.

Claim 24 (new): The device of claim 1 wherein the second chemical species consists of DNA, RNA or protein molecules.